

The diagram illustrates a hot tub system with the following components and connections:

- Hot Tub (1):** The central vessel containing water. It features a main drain (5) and a recirculation pump (PUMP 2, 3) with a variable speed control (4). An air blower (7) is connected to the tub via a line (8) and a diffuser (9). A filter (6) is connected to the tub via a line (4).
- Electrical Control System (2):** A central unit that controls the system. It includes an electronic heater (10) with a 50 amp rating and a 6.52 amp rating. The heater is connected to the hot tub via a line (12) and a ground connection (11). The control system is powered by a 240VAC source (11) and a 120V source (12).
- Pumps and Flow:** PUMP 1 (3) is connected to the hot tub via a line (13) and a variable speed control (4). PUMP 2 (3) is connected to the hot tub via a line (4) and a variable speed control (4). The flow of water is indicated by arrows (4) showing recirculation within the tub and flow to/from the heater.
- Controls and Panels:** A main control panel (14) is connected to the hot tub via a line (13) and a variable speed control (4). An auxiliary panel (AUX PANNEL, 14) is also connected to the hot tub via a line (13) and a variable speed control (4).

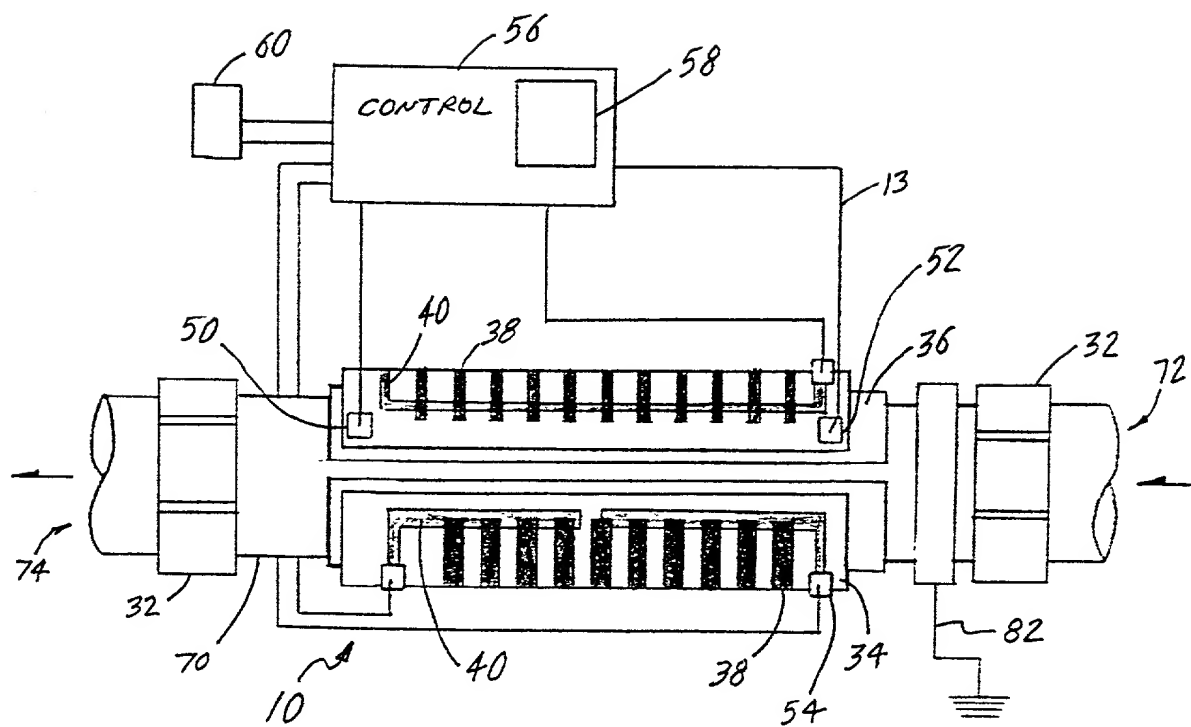


FIG. 2

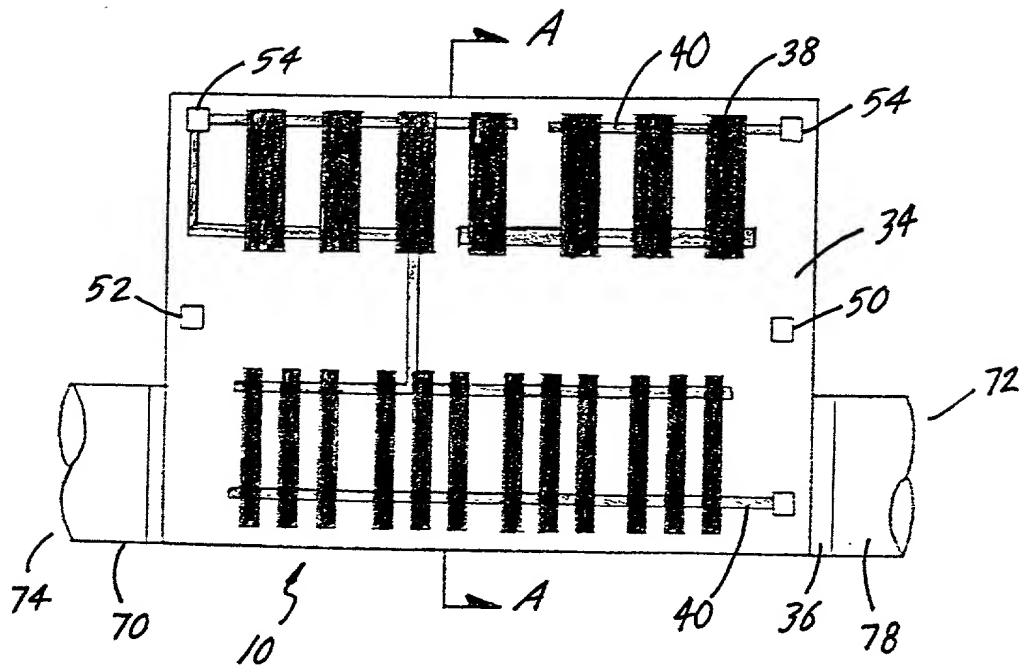


FIG. 3

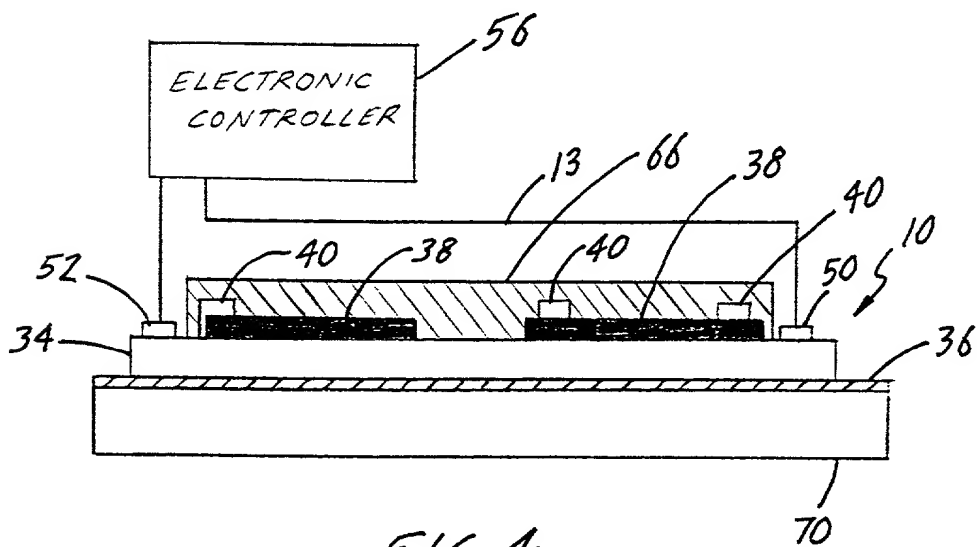


FIG. 4

